

ABSTRACT

A connection part between brush side terminals and power side terminal pieces is disposed at either of positions L and R located laterally next to an axis of a motor and opposed to each other with respect to the axis. Both terminals are connected to each other through a connection unit detachably fitted to the brush side terminals and others and the power side terminal pieces and others. The connection unit has male terminals to be coupled to the brush side terminal and others, female terminals to be coupled to the power side terminal piece and others, and a coil part for noise prevention connecting the male terminal and others to the female terminal and others. The connection part can be set to the position L or R by rotating the brush holder in a circumferential direction, which makes it possible to use the connection unit at any of these positions. Thus, the brush holder unit can be shared in electric motors having a speed reduction mechanism with different specifications to reduce a product cost.